



## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: July 28, 2020




Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 28, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

For an index of all available Provisional Death Counts for Coronavirus Diseases (COVID-19), [click here](#).

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level,  [Click here to download](#).

▼ **Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 7/25/2020.\***

Updated July 28, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>134,710</b>	1,517,653	107	143,345	58,375	6,570	225,285
2/1/2020	<b>0</b>	58,439	98	3,785	0	479	4,264
2/8/2020	<b>1</b>	59,201	99	3,787	0	520	4,308
2/15/2020	<b>0</b>	58,470	99	3,812	0	554	4,366
2/22/2020	<b>5</b>	58,558	101	3,674	1	563	4,241
2/29/2020	<b>7</b>	58,804	102	3,796	4	649	4,448
3/7/2020	<b>35</b>	58,859	102	3,922	17	625	4,564
3/14/2020	<b>52</b>	57,783	101	3,911	27	612	4,547
3/21/2020	<b>565</b>	58,618	103	4,503	251	550	5,360
3/28/2020	<b>3,142</b>	62,616	112	6,143	1,419	440	8,256
4/4/2020	<b>9,937</b>	71,854	129	9,860	4,725	477	15,313
4/11/2020	<b>16,079</b>	78,584	142	11,924	7,191	472	20,944
4/18/2020	<b>16,969</b>	76,265	141	11,335	7,274	265	21,106
4/25/2020	<b>15,310</b>	73,251	136	10,299	6,564	143	19,092
5/2/2020	<b>13,027</b>	68,624	128	8,870	5,474	65	16,468
5/9/2020	<b>11,031</b>	66,031	125	7,745	4,657	47	14,156
5/16/2020	<b>9,023</b>	63,525	121	6,644	3,720	20	11,964
5/23/2020	<b>7,049</b>	60,616	116	5,772	2,927	23	9,913
5/30/2020	<b>6,011</b>	58,307	112	5,147	2,435	11	8,734
6/6/2020	<b>4,873</b>	56,998	109	4,756	2,096	11	7,544
6/13/2020	<b>4,051</b>	55,201	107	4,328	1,806	11	6,581

6/20/2020	<b>3,588</b>	54,161	105	4,100	1,522	5	6,171
6/27/2020	<b>3,395</b>	53,124	103	3,819	1,390	10	5,833
7/4/2020	<b>3,714</b>	51,937	100	3,851	1,640	3	5,926
7/11/2020	<b>3,896</b>	49,254	96	4,110	1,863	6	6,149
7/18/2020	<b>2,585</b>	37,142	72	2,765	1,186	7	4,170
7/25/2020	<b>365</b>	11,431	22	687	186	2	867

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

▼ **Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 7/25/2020.\***

Updated July 28, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>134,710</b>	1,517,653	107	143,345	58,375	6,570	225,285
Alabama	<b>1,433</b>	26,899	102	1,864	436	96	2,953
Alaska	<b>13</b>	1,922	91	81	-	-	93
Arizona	<b>2,790</b>	35,093	117	3,458	1,564	114	4,798
Arkansas	<b>400</b>	16,141	102	1,121	166	76	1,431
California	<b>7,769</b>	141,354	105	13,493	4,299	578	17,539
Colorado	<b>1,679</b>	21,712	111	1,935	863	95	2,841
Connecticut	<b>4,037</b>	16,976	108	1,672	905	73	4,874
Delaware	<b>519</b>	4,968	108	416	201	16	750

District of Columbia	<b>655</b>	3,636	120	828	635	-	857
Florida	<b>4,889</b>	110,421	106	8,847	2,437	314	11,601
Georgia	<b>2,691</b>	43,295	103	3,304	1,195	110	4,909
Hawaii	<b>22</b>	5,572	95	334	-	20	370
Idaho	<b>134</b>	7,128	100	340	36	25	463
Illinois	<b>6,720</b>	60,603	115	6,673	3,336	178	10,232
Indiana	<b>2,776</b>	34,810	106	3,336	1,147	131	5,092
Iowa	<b>809</b>	15,088	100	1,070	238	84	1,725
Kansas	<b>326</b>	13,043	99	848	144	89	1,119
Kentucky	<b>678</b>	22,798	95	2,089	324	98	2,540
Louisiana	<b>3,155</b>	24,894	110	2,479	1,494	72	4,206
Maine	<b>130</b>	7,318	101	501	26	31	636
Maryland	<b>3,666</b>	29,081	117	3,072	1,352	126	5,496
Massachusetts	<b>7,785</b>	36,455	122	4,924	2,806	163	10,058
Michigan	<b>5,646</b>	54,261	112	5,558	2,764	240	8,675
Minnesota	<b>1,525</b>	23,317	106	1,751	420	121	2,976
Mississippi	<b>1,282</b>	17,175	109	1,763	608	53	2,490
Missouri	<b>1,053</b>	31,522	98	1,929	350	177	2,809
Montana	<b>31</b>	4,903	96	246	-	34	305
Nebraska	<b>287</b>	8,197	97	617	111	28	821
Nevada	<b>638</b>	13,324	102	1,251	473	41	1,457
New Hampshire	<b>393</b>	6,534	107	439	109	30	752
New Jersey	<b>13,834</b>	52,598	142	9,302	6,713	121	16,530
New Mexico	<b>543</b>	9,459	102	749	232	29	1,089
New York <sup>7</sup>	<b>11,264</b>	61,879	124	9,572	5,469	209	15,558
New York City	<b>20,497</b>	53,003	198	10,580	7,889	963	23,318
North Carolina	<b>1,256</b>	38,669	81	2,741	470	227	3,752
North Dakota	<b>110</b>	3,509	99	292	34	20	388
Ohio	<b>2,784</b>	60,820	99	3,987	1,167	261	5,864
Oklahoma	<b>454</b>	18,490	93	1,622	173	108	2,005
Oregon	<b>271</b>	17,696	97	867	92	65	1,110
Pennsylvania	<b>7,336</b>	69,193	102	5,867	2,642	218	10,775
Rhode Island	<b>947</b>	5,566	106	603	365	25	1,210
South							

Carolina	<b>1,147</b>	26,644	109	1,819	442	99	2,622
South Dakota	<b>129</b>	3,832	94	297	56	26	396
Tennessee	<b>770</b>	37,433	101	2,766	303	130	3,363
Texas	<b>4,732</b>	104,431	104	8,727	2,176	345	11,624
Utah	<b>243</b>	9,717	102	550	85	40	748
Vermont	<b>57</b>	2,936	102	156	14	16	215
Virginia	<b>2,116</b>	36,052	106	2,224	717	112	3,733
Washington	<b>1,319</b>	28,997	102	2,224	695	111	2,954
West Virginia	<b>105</b>	8,713	77	637	36	58	764
Wisconsin	<b>846</b>	27,298	104	1,385	140	150	2,239
Wyoming	<b>19</b>	2,278	101	139	-	-	160
Puerto Rico	<b>172</b>	12,999	89	1,608	90	63	1,752

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

\*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017-2019.

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

<sup>6</sup>United States death count includes the 50 states, plus the District of Columbia and New York City.

<sup>7</sup>Excludes New York City.

# Understanding the Numbers: Provisional Death Counts and COVID-19

*Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.*

## How it Works

**The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts.** These include deaths occurring within the 50 states and the District of Columbia.

**NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail,** such as deaths by county and by race and Hispanic origin.

**COVID-19 deaths are identified using a new ICD-10 code.** When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

## Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

## Things to know about the data

**Provisional counts are not final and are subject to change.** Counts from previous weeks are continually revised as more records are received and processed.

**Provisional data are not yet complete.** Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

**Death counts should not be compared across states.** Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

